

Work Order ID 84110

84110

Page 1

May-03-12 11:24:27 AM

Item ID: D4387-043

Accept

N900040100

Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Harness Assembly

Start Date: 03/05/2012 Start Qty: 8.00

8

Cust Item ID:

Required Date: 17/05/2012 Req'd Qty: 8.00

8

Customer:

Reference:

Approvals: Process Plan: MLJ

Date: 12/05/03 Tooling:

Date:

Run Start ***NR1***

QC:

Date: SPC (Y/N):

Date:

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr

Revision Nbr

D4387

B

100

0.00

100

PURCHASING

Purchasing

Memo

0.00

Purchasing

Issue P/O:

P/N: 4173-2-021-2396

Possible supplier: Amsafe

Certificate of conformaty is required

PL 12-05-3

110

Receive & Inspect for Damage & Mat'l Certs

0.00

110

Packaging

Memo

0.00

Packaging

Ensure certificate of conformity is attached

94/28

120

QC5- Inspect part completeness to step on W/O

0.00

120

QC

Memo

0.00

Quality Control

8/26/12

(X8)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 84110

84110

Page 2

May-03-12 11:24:27 AM

Item ID: D4387-043

Accept

N900040100

Setup Start *NS1*

Revision ID:

Stop *NS2*

Item Name: Harness Assembly

Start Date: 03/05/2012 Start Qty: 8.00

8

Cust Item ID:

Required Date: 17/05/2012 Req'd Qty: 8.00

8

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start *NR1*

QC:

Date:

SPC (Y/N):

Date:

Stop *NR2*

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

150

Identify as per dwg & Stock Location:

263

0.00

150

Packaging

Memo

0.00

Packaging

8x

12-5-30

160

QC21- Final Inspection - Work Order Release

0.00

160

QC

Memo

0.00

Quality Control

12/5/30

unf

1205-20

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

May-03-12 11:24:31 AM

Page 1

Work Order ID: 84110

84110

Parent Item: D4387-043

D4387-043

Parent Item Name: Harness Assembly

Start Date: 03/05/2012

Required Date: 17/05/2012

Start Qty: 8.00

Required Qty: 8.00

Comments: IPP rev A 11.05.25 new issue EC verified by:DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
4173-2-021-2396		Purchased	No				Each	0.0000		8			
4173-2-021-2396									**				
4-point Restraint, Separate Shoulder Straps													

[Handwritten signature]

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

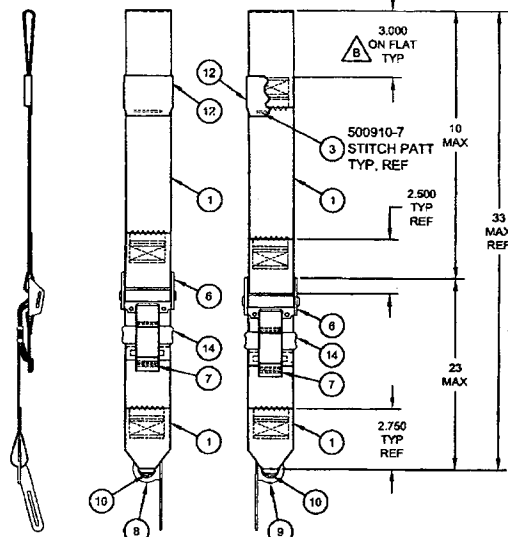
Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

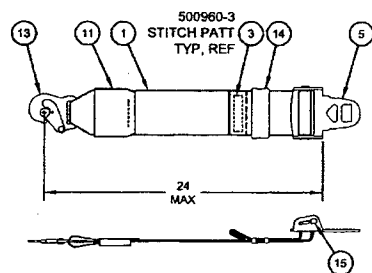
NOTE: Date & initial all entries

SPECIFICATION CONTROL DRAWING

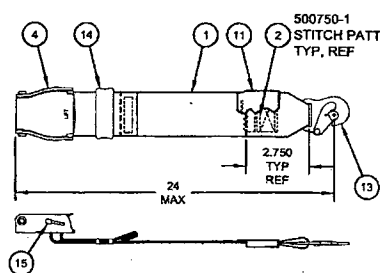


D4387-7

D4387-5



D4387-3



D4387-1

D4387-041 HARNESS ASSEMBLY

ITEM	QTY -041	QTY -1	QTY -3	QTY -5	QTY -7	DART P/N	DESCRIPTION	AMSAFE P/N OR MATERIAL P/N
	X					D4387-041	HARNESS ASSEMBLY	4192-1-011-2396
1		X				D4387-1	BUCKLE HALF	4192-2010112396
1			X			D4387-3	CONNECTOR HALF	4192-2030112396
1				X		D4387-5	SHOULDER STRAP	4192-2050112396
1					X	D4387-7	SHOULDER STRAP	4192-2060112396
1	A/R	A/R	A/R	A/R	A/R		WEBBING, POLYESTER	T1200-5
2	A/R	A/R	A/R	A/R	A/R		THREAD	207
3	A/R	A/R	A/R	A/R	A/R		THREAD	69
4	1						BUCKLE ASSY	502750-401
5		1					CONNECTOR ASSY	504459-417-72
6			1	1			ADJUSTER ASSY	503050-409
7			1	1			PULL TAB	500976-425
8				1			ADAPTER, HARNESS	505122-2-72
9			1				ADAPTER, HARNESS	505122-1-72
10			1	1			INSERT	AFG0568293
11	1	1					LABEL	447664
12			1	1			LABEL	447664
13	1	1					HOOK ASSY	502737-441-72
14	1	1	1	1			WEB SLIDE	503964-1
15	2	2					PLUG	502913

NOTES:

- 1) PURCHASE: D4387-041/-1/-3/-5/-7 FROM AMSAFE INC., Phoenix, AZ.
- 2) FINISH: N/A
- 3) TOLERANCES: XXX ± 0.250
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: USE PLASTIC ENGRAVED TAGS AND LABEL PER FAR 21.607 TO CONTAIN THE FOLLOWING AT MINIMUM:
MANUFACTURER P/N: 4192-1-011-2396
CUSTOMER P/N: D4387-041
DATE OF MFG
CONFORMS TO FAA TSO-C114
- 7) WEIGHT: 1.75 lb
- 8) INDICATED DIMS ARE FULLY EXTENDED LENGTHS

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER

NO. 84110 MLJ

12/05/03

RELEASED
2011-06-16

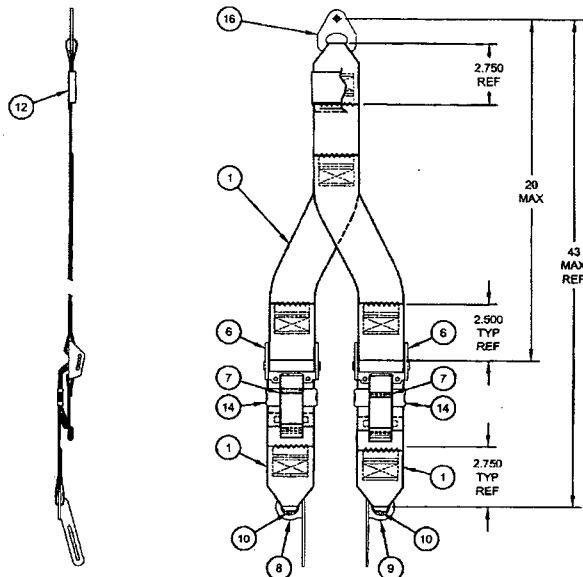
B	3.000 TYP WAS 2.000 TYP (ZN D6-1) (REF. NCR11-644)	MB	11.06.07
A	NEW ISSUE (REF. CAR10-011)	MB	11.05.02
REV.	DESCRIPTION	BY	DATE
DESIGN			
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	11.06.07		

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA

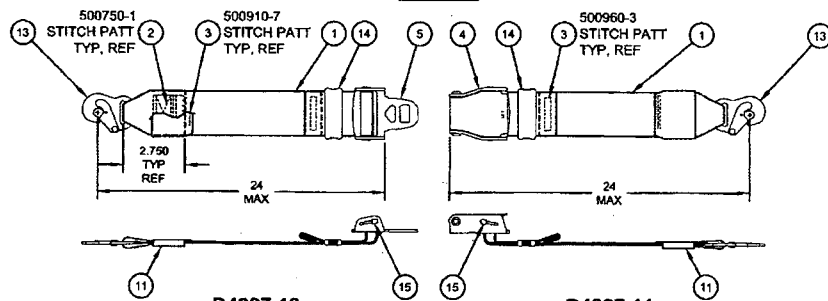
DRAWING NO. D4387
TITLE HARNESS ASSEMBLY
REV. B
SHEET 1 OF 2
SCALE NTS

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SPECIFICATION CONTROL DRAWING



D4387-9



D4387-13

D4387-11

D4387-043 HARNESS ASSEMBLY

ITEM	QTY -043	QTY -9	QTY -11	QTY -13	DART P/N	DESCRIPTION	AMSAFE P/N OR MATERIAL P/N
	X				D4387-043	HARNESS ASSEMBLY	4173-2-021-2396
1	X				D4387-9	SHOULDER STRAP	4173-2110212396
1		X			D4387-11	BUCKLE HALF	4173-2070212396
1			X		D4387-13	CONNECTOR HALF	4173-2090212396
1		A/R	A/R	A/R		WEBBING, POLYESTER	T1200-5
2		A/R	A/R	A/R		THREAD	207
3		A/R	A/R	A/R		THREAD	69
4			1			BUCKLE ASSY	502750-401
5				1		CONNECTOR ASSY	504459-417-72
6	2					ADJUSTER ASSY	503050-409
7	2					PULL TAB	500976-425
8	1					ADAPTER, HARNESS	505122-2-72
9	1					ADAPTER, HARNESS	505122-1-72
10	2					INSERT	AFG0568293
11			1	1		LABEL	447664
12	1					LABEL	447664
13	2	1	1			HOOK ASSY	502737-441-72
14			1	1		WEB SLIDE	503964-1
15			2	2		PLUG	502913
16	1					END FITTING	501743-21-72

NOTES:

- 1) PURCHASE: D4387-043/-9/-11/-13 FROM AMSAFE INC., Phoenix, AZ.
- 2) FINISH: N/A
- 3) TOLERANCES: .XXX ±0.250
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: USE PLATIC ENGRAVED TAGS AND LABEL PER FAR 21.607 TO CONTAIN THE FOLLOWING AT MINIMUM:
MANUFACTURER P/N: 4173-2-021-2396
CUSTOMER P/N: D4387-043
DATE OF MFG
CONFORMS TO FAA TSO-C114
- 7) WEIGHT: 1.85 lb
- 8) INDICATED DIMS ARE FULLY EXTENDED LENGTHS

RELEASED
2011-06-16

DESIGN		DART AEROSPACE LTD
DRAWN		HAWKESBURY, ONTARIO, CANADA
CHECKED		DRAWING NO. D4387
MFG. APPR.		REV. B SHEET 2 OF 2
APPROVED		TITLE HARNESS ASSEMBLY
DE APPR.		SCALE NTS
DATE	11.06.07	COPYRIGHT © 2011 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR DISCLOSED OR REPRODUCED IN ANY MANNER WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

AmSafe

1043 NORTH 47th AVENUE
PHOENIX, AZ 85043
PH (602)850-2850 FAX (602)850-2812

SHIPPER/CERTIFICATE



CUSTOMER NO.
10006113

DART AEROSPACE
1270 ABERDEEN STREET
HAWKESBURY
ONTARIO, CANADA K6A 1K7
Canada

SALES ORDER NO.
S232886

BOL NO.
000266893

DART AEROSPACE
1270 ABERDEEN STREET
HAWKESBURY
ONTARIO, CANADA K6A 1K7
Canada

DATE PRINTED
05/25/12

PAGE NO.
1

CUSTOMER ORDER NO.
PO16895

Sales Order Remarks: 1517-9324-0

Remarks:

TERMS
NET30

FREIGHT
COLLECT

SHIP VIA
FedEx Intl Economy

SHIPMENT REFERENCE 000266893

Ship to ID: 10006113

F.O.B.
ORIGIN

LINE	ITEM NUMBER / DESCRIPTION	DRAWING AND CERTIFICATIONS	DUE DATE	QTY ORDERED	QTY SHIPPED	QTY ORDERED
2	4173-2-021-2396 REST SYS ASSY	DRAWING: 4173 REV: E CERT: TSO-C114 Lot/Serial Numbers Shipped Quantity S232886-2	2012-05-25	8	8	8

8/12/12

I certify that the article(s) listed above conform to all applicable design data, and (as applicable):

FAA PMA, FMVSS 209, FMVSS 302, 14 CFR 25.853

FAA TSO C22f, C22g, C114 or TSO Plus

The conditions and tests required for TSO approval of the article(s) are minimum performance standards. It is the responsibility of those installing the article(s) either on or within a specific type or craft to determine that the aircraft installation conditions are within the standards applicable to the TSO article including (when applicable) the integrated non-TSO function. The non-TSO function as the seat belt airbag system including the inflator cable assembly and electrical components that have not been evaluated for functionality or installation requirements. TSO articles including the non-TSO function must have separate approval for installation in an aircraft. The article(s) may be installed only if performed under 14 CFR part 43 or the applicable airworthiness requirements. Product shipped meets all material, processing and test requirements. Certifications/Test reports as applicable are retained on file at AmSafe Aviation.

AmSafe Authorized Signature: X

Printed Name:

Dated:

MAY 25 2012

COUNTRY OF ORIGIN U

1. Approving National Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: S232886-2NA	
4. Organization Name and Address: AmSafe Aviation 1043 North 47th Avenue Phoenix, Arizona 85043		Cert. No. PT1967NM			5. Work order/Contract/Invoice Number: S232886 - 2 PAGES ATTACHED	
6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1	REST SYS ASSY	4173-2-021-2396	N/A	8	A0512	NEW
13. Remarks: Drawing: 4173 Rev: E TSO: TSO-C114						
EXPORT AIRWORTHINESS APPROVAL: THIS ARTICLE MEETS THE SPECIAL REQUIREMENTS OF CANADA						
14. Certifies the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation <input type="checkbox"/> Non-approved design data specified in Block 13.			19. <input type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 13 Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
15. Authorized Signature: 		16. Approval/Authorization No.: ODA602112NM		20. Authorized Signature		21. Authorized/Certificate No.
17. Name (typed or printed) Nellie Alvarado		18. Date (m/d/y): MAY 22 2013		22. Names (typed or printed)		23. Date (m/d/y):
User/Installer Responsibilities						
<p>It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.</p> <p>Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.</p>						



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO16895**

Purchase Order Date 5/3/2012
PO Print Date 5/4/2012

Page Number 1 of 1

Order From :

AMSAFE INC.
LOCKBOX #5
P.O BOX 53075
PHOENIX, AZ 85072-3075
US

VU-AMS001

Contact Name
Vendor Phone
Vendor Fax
Vendor Account Nbr

602 850 2850
602 850 2812

Buyer
Requisition Nbr
Tax Resale Nbr
Terms
Currency
FOB

Brigitte Golden
10127-2607
Net 30
USD
Destination-Collect

Ship To :

DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
	4192-1-011-2396	4-point Restraint, Separate Shoulder Straps	5/31/2012 Yes	8.00 Each	FedEx PI collect	\$241.4000	\$1,931.20
		Special Inst:	As per DWG: D4387 Rev: B B84109 AMSAFE p/n 4192-1-011-2396				
2	4173-2-021-2396	4-point Restraint, Separate Shoulder Straps	5/31/2012 Yes	8.00 Each	FedEx PI collect	\$242.1600	\$1,937.28
		Special Inst:	Same as above B84110 AMSAFE p/n: 4173-2-021-2396				

PO Total: \$3,868.48

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required when applicable

Change Nbr: 2

Change Date: 5/4/2012

SALES QUOTE

AmSafe

1043 NORTH 47th AVENUE
PHOENIX, AZ 85043
PH (602)850-2850 FAX (602)850-2812

Number: Q60115

Page: 1

CUSTOMER NO
10006113

SHIP TO NO
10006113

CUSTOMER P.O. NO
PO16895

DATE
05/04/12

SOLD TO:

DART AEROSPACE
1270 ABERDEEN STREET
HAWKESBURY
ONTARIO, CANADA K6A 1K7
Canada

BILL TO:

DART AEROSPACE
1270 ABERDEEN STREET
HAWKESBURY
ONTARIO, CANADA, K6A 1K7
Canada

SHIP TO:

DART AEROSPACE
1270 ABERDEEN STREET
HAWKESBURY
ONTARIO, CANADA K6A 1K7
Canada

Attention: CHANTAL LAUDIE

Telephone: 613-632-9577

Fax: 613-632-1053

Salesperson: TOM HODGDON

Customer Service Rep: BLANCA BROWN

Site: 1

TERMS
NET 30

FREIGHT TERMS
COLLECT

SHIP VIA
FedEx Intl Economy

FOB POINT
ORIGIN

QUOTE VALID FOR 30 DAYS
STANDARD LEAD-TIME: 3 WEEKS AFTER RECEIPT OF A VALID PO (OR PAYMENT)
IF CRITICAL SHIPMENT IS REQUIRED ADDITIONAL FEES WILL APPLY.
F.O.B. PHOENIX, ARIZONA USA
DOCUMENTS PROVIDED: OEM COC & FAA 8130-3 IF APPLICABLE
MOV: \$250 (EXCEPT AOGS)
FINAL DESTINATION IS REQUIRED ON ALL POS.
PLEASE REFERENCE QUOTE (Q60115) ON YOUR PURCHASE ORDER.

NOTE: WE ARE CLOSED ON SATURDAYS AND SUNDAYS-WORKING DAYS ARE MONDAY-FRIDAY

NO.	ITEM NUMBER	DESCRIPTION	SHIP DATE	QTY	OPEN	UM	PRICE	AMOUNT
1	4192-1-011-2396	TSO-C114	8	8	0	A	241.40	1,931.20
		REST SYS ASSY					REV: D	
2	4173-2-021-2396	TSO-C114	8	8	0	A	242.16	1,937.28
		REST SYS ASSY					REV: E	
REMARKS: 1517-9324-0 Final Destination: Canada COUNTRY OF ORIGIN USA FAA 8130 FORMS REQUIRED								LINE TOTAL: 3,868.48 FREIGHT: 0 AOG: 0 URGENT: 0 TOTAL: 3,868.48

Brigitte Golden

From: Blanca Brown <bbrown@AMSAFE.com>
Sent: Friday, May 04, 2012 11:19 AM
To: Brigitte Golden
Subject: RE: New PO16895 from Dart
Attachments: QO.Q60115.bbrown@amsafe.com.20120504081357.pdf

Good morning, Brigitte:

DISCREPANCY:

Purchase order number PO16895 states the price for part number 4192-1-011-2396 is \$221.54 and the price for part number 4173-2-021-2396 is \$221.54

That is not correct

The current price for part number 4192-1-011-2396 is \$241.40
The current price for part number 4173-2-021-2396 is \$242.16

See attached quote

Please amend your purchase order accordingly and submit a copy for order processing

Best regards,

Blanca

From: Brigitte Golden [<mailto:bgolden@dartaero.com>]
Sent: Friday, May 04, 2012 5:04 AM
To: Blanca Brown
Subject: RE: New PO16895 from Dart

151793240

Sorry i thought you add it!!
Have a nice day!!!

From: Blanca Brown [<mailto:bbrown@AMSAFE.com>]
Sent: Thursday, May 03, 2012 4:33 PM
To: Brigitte Golden
Cc: clavoie@dartaero.com; Kathy Wade
Subject: RE: New PO16895 from Dart

Hi, Brigitte:

What is the Fedex account number?